



United States Department of Agriculture
National Agricultural Statistics Service



New
England



Crop Progress & Condition

King Whetstone, Regional Director

53 Pleasant St. Room 3450, Concord, NH 03301

Phone: 1-800-498-1518 Fax: 855-270-2719

www.nass.usda.gov/nh
Week ending July 28, 2019

Issued weekly on the internet, April - November
by the Northeastern Regional Field Office of NASS

nassrfoener@nass.usda.gov
Released July 29, 2019

According to the National Agricultural Statistics Service in New England, there were 6.0 days suitable for fieldwork for the week ending Sunday, July 28, 2019. Topsoil moisture supplies were 4 percent very short, 39 percent short, 54 percent adequate, and 3 percent surplus. Subsoil moisture supplies were 2 percent very short, 39 percent short, 56 percent adequate, and 3 percent surplus. Pasture conditions ranged from 0 percent very poor, 12 percent poor, 39 percent fair, 43 percent good, and 6 percent excellent.

Soil Moisture for Week Ending July 28, 2019 (in percent)

Item	Very Short	Short	Adequate	Surplus
TOPSOIL	4	39	54	3
SUBSOIL	2	39	56	3

Crop Conditions as of July 28, 2019 (in percent)

Item	Very Poor	Poor	Fair	Good	Excellent
APPLES	0	0	9	64	27
BARLEY (ME)	0	0	0	20	80
CORN	0	1	13	33	53
CRANBERRIES (MA)	5	10	20	50	15
DRY HAY	0	0	17	67	16
OATS (ME)	0	0	0	20	80
PASTURE AND RANGE	0	12	39	43	6
POTATOES (ME)	0	0	0	90	10
QUALITY OF DRY HAY MADE	0	1	7	81	11
STRAWBERRIES	1	3	9	64	23
SWEET CORN	0	3	27	65	5

Crop Progress as of July 28, 2019 (in percent)

Item	This Week	Last Week	Last Year	5 Year Avg.
DRY HAY: 1st CUTTING	94	93	N/A	N/A
DRY HAY: 2nd CUTTING	7	N/A	74	58
STRAWBERRIES: HARVESTED	98	93	97	N/A
SWEET CORN: HARVESTED	14	9	11	17

For a complete nationwide weekly weather and crop bulletin, please visit www.usda.gov/oce/weather and click on "Weekly Weather and Crop Bulletin."

July 28, 2019 New England Weekly Weather Summary

State	Station	Air Temperature Last Week					Precipitation					
		Max	Min	Avg	Norm	DFN	One Week	Rain Days	DFN	Four Weeks	Four Weeks DFN	
Connecticut	NORTHWEST											
	Norfolk 2 Sw	79.4	59.9	69.64	68.29	1.36	1.75	2.0	0.64	2.81	-1.46	
	Extreme/Average	79.4	59.9	69.64	68.29	1.36	1.75	2	0.64	2.81	-1.46	
	CENTRAL											
	Burlington	84.6	58.2	71.4	72.1	-0.74	2.21	2.0	1.45	2.79	-1.01	
	Danbury Municipal Ap	83.0	60.7	71.86	71.71	0.14	2.62	2.0	1.6	3.34	-0.78	
	Hartford-Bradley International Airport	85.6	62.6	74.07	73.93	0.14	1.68	2.0	0.67	2.47	-1.25	
	Meriden Markham Municipal Ap	84.3	62.1	73.21	72.8	0.41	N/A	0.0	-0.92	N/A	-3.63	
	Norwich Pub Utility Plant	84.4	64.7	74.57	73.23	1.34	2.85	2.0	1.82	4.46	0.97	
	Staffordville	81.6	59.1	70.36	70.4	-0.04	2.26	2.0	1.27	6.77	3.54	
	West Thompson Lake	81.8	60.2	71.0	70.94	0.05	1.76	3.0	0.69	3.84	-0.11	
	Willimantic Windham Ap	82.7	61.7	72.21	71.91	0.3	1.81	2.0	0.88	2.88	-0.76	
	Extreme/Average	83.5	61.2	72.33	72.13	0.20	2.17	3	0.93	3.79	-0.38	
	COASTAL											
	Bridgeport-Success Hill	N/A	N/A	N/A	74.2	N/A	2.91	3.0	1.86	5.95	3.01	
	Extreme/Average	N/A	N/A	N/A	74.20	N/A	2.91	3	1.86	5.95	3.01	
STATE TOTAL	70.3	51.8	61.05	71.66	0.41	2.19	3	1.01	3.91	-0.09		
Maine	NORTHERN											
	Caribou Wfo	79.7	54.3	67.0	65.97	1.03	0.28	2.0	-0.62	2.11	-1.61	
	Frenchville Northern Aroostook Ap	76.7	54.6	65.64	64.9	0.74	1.22	1.0	0.35	3.05	-0.94	
	Houlton Airport	79.9	53.3	66.57	66.1	0.47	N/A	0.0	-0.83	1.75	-1.54	
	Millinocket Municipal Airport	81.7	56.7	69.21	68.06	1.16	0.02	1.0	-0.77	1.6	-1.91	
	Moosehead	76.9	53.6	65.21	N/A	N/A	0.4	1.0	-0.43	1.95	-1.49	
	Rangeley	76.7	51.4	64.07	64.19	-0.11	0.47	3.0	-0.45	1.54	-1.94	
	Extreme/Average	78.6	54.0	66.28	65.84	0.66	0.48	3	-0.46	2.00	-1.57	
	SOUTHERN INTERIOR											
	Augusta State Ap	80.1	59.6	69.86	70.1	-0.24	0.2	3.0	-0.59	1.57	-1.49	
	Bangor International Airport	80.0	58.1	69.07	69.09	-0.01	0.07	3.0	-0.75	4.22	1.11	
	Bethel 6 Sse	80.7	55.3	68.0	N/A	N/A	0.23	1.0	N/A	2.89	N/A	
	Bridgton 3 Nw	N/A	N/A	N/A	67.53	N/A	N/A	N/A	N/A	N/A	N/A	
	Dover-Foxcroft Wwtp	80.1	55.3	67.71	67.1	0.61	0.6	3.0	-0.12	2.78	-0.42	
	Harmony	82.7	53.9	68.29	N/A	N/A	0.04	2.0	-0.68	2.39	-0.59	
	Livermore Falls 1 E	80.6	55.4	68.0	N/A	N/A	0.05	1.0	-0.64	1.9	-0.91	
	Topsfield 2	78.7	57.7	68.21	67.67	0.54	1.71	1.0	0.71	3.42	-0.16	
	Turner	80.7	58.6	69.64	68.79	0.86	0.23	2.0	-0.7	3.44	0.12	
	Woodland	81.9	65.0	73.43	68.6	4.83	1.85	2.0	1.05	5.32	2.17	
	Extreme/Average	80.6	57.7	69.13	68.41	1.10	0.55	3	-0.22	3.10	-0.02	
	COASTAL											
	Durham	79.9	56.6	68.21	67.43	0.79	0.22	2.0	-0.56	2.82	-0.48	
	East Surry	78.2	57.7	67.92	N/A	N/A	0.14	2.0	N/A	2.55	N/A	
Hollis	80.6	56.1	68.36	68.31	0.04	1.06	2.0	0.05	2.28	-1.72		
Portland Jetport	78.3	61.0	69.64	69.6	0.04	0.8	2.0	-0.02	2.53	-0.74		
West Rockport 1 Nnw	79.6	60.6	70.07	68.0	2.07	0.14	2.0	-0.68	3.11	0.03		

		Air Temperature Last Week					Precipitation				
State	Station	Max	Min	Avg	Norm	DFN	One Week	Rain Days	DFN	Four Weeks	Four Weeks DFN
	Extreme/Average	79.3	58.4	68.84	68.34	0.73	0.47	2	-0.30	2.66	-0.73
	STATE TOTAL	79.3	55.8	67.55	67.02	0.81	0.50	3	-0.36	2.44	-0.96
Massachusetts	WESTERN										
	Lenox Dale	81.6	56.9	69.21	69.3	-0.09	0.0	0.0	-0.69	0.65	-2.86
	North Adams Harriman Airport	79.9	55.7	67.79	69.2	-1.41	2.66	3.0	1.56	3.95	-0.13
	Pittsfield Municipal Ap	80.6	57.3	68.93	67.8	1.13	2.01	3.0	0.96	3.46	-0.26
	Worthington	79.1	55.0	67.07	67.17	-0.1	2.34	2.0	1.35	3.58	-0.18
	Extreme/Average	80.3	56.2	68.25	68.37	-0.12	1.75	3	0.80	2.91	-0.86
	CENTRAL										
	Amherst	82.9	61.1	72.0	71.03	0.97	2.34	3.0	1.41	3.07	-0.52
	Barre Falls Dam	85.9	57.4	71.64	67.84	3.8	1.97	2.0	1.02	4.58	0.92
	Beverly Municipal Ap	79.4	61.7	70.57	70.74	-0.17	N/A	0.0	-0.62	1.29	-1.93
	Chatham Municipal Ap	78.1	63.4	70.79	71.61	-0.83	0.86	3.0	0.24	2.36	-0.6
	East Brimfield Lake	83.3	61.3	72.33	70.7	1.62	2.14	2.0	1.34	4.24	0.94
	Fitchburg Municipal Ap	82.7	60.6	71.64	72.6	-0.96	2.68	3.0	1.82	3.56	0.0
	Greenfield No. 3	83.7	58.9	71.29	69.5	1.79	2.16	2.0	1.11	2.71	-1.2
	Lawrence	82.1	65.4	73.79	73.4	0.39	1.89	2.0	1.02	5.57	2.11
	Lowell	84.4	62.4	73.43	72.54	0.89	2.39	2.0	1.54	5.28	1.94
	Norwood Memorial Ap	85.9	63.3	74.57	70.94	3.63	2.15	3.0	1.38	5.11	1.71
	Westfield Barnes Municipal Ap	84.7	60.1	72.43	71.3	1.13	1.86	2.0	0.91	2.73	-0.93
	Worcester	78.6	61.9	70.21	70.64	-0.43	1.98	2.0	1.0	4.8	1.01
	Extreme/Average	82.6	61.5	72.06	71.07	0.99	2.04	3	1.01	3.78	0.29
	COASTAL										
	Bedford Hanscom Field	86.0	64.3	75.14	73.47	1.67	2.13	2.0	1.31	4.82	1.54
	Birch Hill Dam	81.5	58.3	69.92	69.27	0.63	2.61	2.0	1.72	4.6	0.59
	Boston	80.6	67.0	73.79	73.86	-0.07	1.88	2.0	1.04	4.55	1.5
	Edgartown	85.0	68.3	76.67	72.49	4.2	0.55	2.0	0.23	2.8	0.56
	Hyannis Barnstable Municipal Ap	79.1	63.0	71.07	72.29	-1.21	1.56	3.0	0.87	3.67	0.74
	New Bedford Municipal Ap	81.0	62.0	71.5	71.4	0.1	2.48	3.0	1.65	6.86	3.93
	Plymouth Municipal Ap	79.4	62.1	70.79	71.43	-0.64	1.91	3.0	1.09	7.88	4.8
	Taunton Municipal Ap	83.9	61.4	72.64	72.04	0.6	1.54	3.0	0.59	4.44	1.15
	Extreme/Average	82.1	63.3	72.69	72.03	0.66	1.83	3	1.06	4.95	1.85
	STATE TOTAL	82.0	61.0	71.52	70.84	0.68	1.92	3	0.99	3.96	0.53
New Hampshire	NORTHERN										
	Berlin	77.0	54.9	65.93	66.84	-0.91	0.2	3.0	-0.69	3.54	0.11
	Colebrook 3Sw	75.6	51.0	63.3	65.07	-1.82	0.04	3.0	-0.67	2.42	-0.76
	Errol Airport	77.3	51.9	64.57	N/A	N/A	0.12	2.0	N/A	2.26	N/A
	Jefferson	76.1	55.1	65.64	N/A	N/A	0.19	1.0	-0.75	3.11	-0.49
	Extreme/Average	76.5	53.2	64.86	65.95	-1.36	0.14	3	-0.70	2.83	-0.38
	SOUTHERN										
	Bradford 2	78.9	54.6	66.71	N/A	N/A	1.76	1.0	0.69	2.45	-1.54
	Concord Asos	82.7	58.0	70.36	70.4	-0.04	2.26	2.0	1.4	3.43	0.07
	East Milford	81.6	60.1	70.86	70.94	-0.09	2.38	2.0	1.41	4.58	1.2
	Epping	80.7	59.0	69.83	70.53	-0.72	1.74	2.0	1.0	3.21	-0.11
	Hancock	83.5	61.0	72.25	N/A	N/A	2.5	1.0	N/A	2.77	N/A
	Jaffrey Silver Ranch Airpark	81.0	61.0	71.0	N/A	N/A	0.0	0.0	N/A	1.91	N/A

		Air Temperature Last Week					Precipitation				
State	Station	Max	Min	Avg	Norm	DFN	One Week	Rain Days	DFN	Four Weeks	Four Weeks DFN
	Keene	82.3	55.7	69.0	69.94	-0.94	2.24	2.0	1.21	3.37	-0.46
	Lakeport 2	80.9	60.6	70.71	71.5	-0.79	1.12	2.0	0.12	3.52	-0.35
	Lebanon Municipal Ap	83.4	58.7	71.07	70.8	0.27	0.91	2.0	0.08	2.8	-0.34
	North Conway	81.7	58.0	69.86	68.37	1.49	0.4	2.0	-0.62	4.35	0.46
	Tamworth 4	79.2	54.0	66.58	67.56	-1.0	0.63	2.0	-0.36	4.46	0.3
	Extreme/Average	81.4	58.2	69.84	70.00	-0.23	1.45	2	0.55	3.35	-0.09
	STATE TOTAL	79.9	56.7	68.31	68.76	-0.58	1.05	2	0.16	3.19	-0.18
Rhode Island	ALL										
	Newport State Ap	79.6	65.1	72.36	71.93	0.43	1.52	3.0	0.77	4.35	1.23
	Providence	81.6	64.7	73.14	73.99	-0.84	1.83	3.0	1.02	3.47	0.55
	Westerly State Airport	81.6	66.4	74.0	71.3	2.7	3.35	3.0	2.6	5.22	1.96
	Woonsocket	82.6	62.4	72.5	72.7	-0.2	1.81	2.0	0.91	3.18	-0.19
	Extreme/Average	81.3	64.7	73.00	72.48	0.52	2.13	3	1.33	4.05	0.89
	STATE TOTAL	81.3	64.7	73.00	72.48	0.52	2.13	3	1.33	4.05	0.89
Vermont	NORTHEASTERN										
	Averill	76.1	50.7	63.43	N/A	N/A	0.25	1.0	N/A	3.6	N/A
	Barre Montpelier Knapp State Ap	77.7	55.4	66.57	67.21	-0.64	1.99	4.0	0.98	4.53	0.9
	Burlington International Airport	83.9	62.7	73.29	70.76	2.53	0.33	2.0	-0.61	1.85	-1.9
	Corinth	74.4	55.4	64.93	65.5	-0.57	0.36	2.0	N/A	1.86	N/A
	Newport	79.7	55.4	67.57	67.37	0.2	0.23	2.0	-0.85	2.14	-1.84
	Rochester	79.6	56.1	67.86	66.89	0.97	0.0	0.0	-1.1	0.0	-4.24
	Saint Johnsbury	81.3	56.5	68.92	N/A	N/A	0.15	2.0	N/A	1.69	N/A
	Sutton	76.3	56.3	66.29	64.89	1.4	0.14	3.0	-1.08	2.71	-1.2
	Extreme/Average	78.6	56.1	67.36	67.10	0.65	0.43	4	-0.53	2.30	-1.66
	WESTERN										
	Bennington Morse State Ap	80.0	56.1	68.07	68.4	-0.33	2.24	4.0	1.23	2.9	-1.02
	Rutland	79.7	57.1	68.43	68.74	-0.31	0.59	2.0	-0.56	1.81	-2.44
	South Lincoln	75.3	52.4	63.86	65.9	-2.04	0.24	1.0	-0.99	3.3	-1.09
	Extreme/Average	78.3	55.2	66.79	67.68	-0.89	1.02	4	-0.11	2.67	-1.52
	SOUTHEASTERN										
	Johnson 2 N	76.4	54.4	65.43	N/A	N/A	0.04	2.0	N/A	1.76	N/A
	Springfield Hartness State Ap	80.9	57.3	69.07	69.03	0.04	1.55	3.0	0.56	1.78	-2.21
	Woodstock	80.0	56.2	68.08	68.86	-0.75	0.99	2.0	0.08	2.73	-0.88
	Extreme/Average	79.1	56.0	67.53	68.94	-0.35	0.86	3	0.32	2.09	-1.54
	STATE TOTAL	78.6	55.8	67.20	67.60	-0.03	0.70	4	-0.25	2.39	-1.59

DFN = Departure from normal.

Weather summary provided by the Southern Regional Climate Center, <https://climdata.srcc.lsu.edu>.

REPORTERS COMMENTS, By County

Reporters are from Extension Service (Ext), Natural Resources Conservation Service (NRCS), Farm Service Agency (FSA), Conservation District (CD), farmers, commodity specialists, or other knowledgeable individuals.

CONNECTICUT

Reporter comments not available.

MAINE

AROOSTOOK (Central), Larry James

Dry weather and extraordinary yields have made this one of the best dry hay seasons in memory. Hot dry weather has started to affect the potato crop.

CUMBERLAND/YORK, Sandy Truslow

Heat and rain have helped ripen field vegetables; green beans, early corn, garlic and potatoes are being picked. A lot of hay is being made, producers are still behind with the hay harvest. What has been harvested has been heavy. Strawberries are done, blueberries and raspberries are being picked.

FRANKLIN, Gary J. Raymond

Hot weather, lots of sun and rain showers are pushing the crops right along. Crop maturity is a little late but harvest looks bountiful.

PENOBSCOT/PISCATAQUIS, Donna Coffin

Hot and humid. Most first cut haying is done. Farm Stands are full of vegetables.

MASSACHUSETTS

ALL MA COUNTIES, Tom Smiarowski

Much needed rain fell early in the week and hot, humid conditions returned by the end of the week. Scattered thunderstorms on Saturday brought reports of isolated hail. Harvest of all crops continues in full swing with the first potatoes being harvested during the week.

BARNSTABLE/BRISTOL/DUKES/NANTUCKET/PLYMOUTH,
Dr. Peter Jeranyama

At this time of the season, the major production concern is irrigation. Make sure your moisture sensors are working properly. If using tensiometers, keep moisture between -3.5 and -6.5 cbars. If using volumetric sensors, be around 15-25% moisture range. Manage the water stress on your bog at times by raising the water in the ditches. Be on the lookout for spargnothis.

NEW HAMPSHIRE

CARROLL, Olivia Saunders

Growers dealing with excessive heat by starting early in the day and running irrigation often. Summer crops like tomatoes and sweet corn are here. The start of blueberry and raspberry picking were on average 2 weeks delayed.

CHESHIRE, Carl Majewski

We finally got some badly-needed rain Monday, then warm and sunny weather for the rest of the week. Crops have benefitted from the moisture, and most everything is growing pretty well. Field corn starting to tassel. Veggie crops doing well. PYO blueberries just starting this week.

HILLSBOROUGH, George Hamilton

Vegetables: Very good demand for produce at most local farmers' markets and farm stands. Farmers kept busy harvesting, cultivating, hoeing weeds, monitoring pest pressures, spraying pesticides for insects and diseases. Growers harvesting an array of vegetables including: beans, beets, broccoli, cabbage, cucumbers, greens, lettuce, potatoes, radishes, snap beans, summer squash and sweet corn. Fruit: Peach, blueberry and raspberry harvests continued. Strawberry cultivating and weeding newly renovated beds. Orchardists busy monitoring for pests, spraying if needed, and mowing orchard floors. Some growers are continuing to monitor traps for Spotted Wing Drosophila. Japanese beetle damaged several fruit crops foliage (grapes, peaches, etc.). Field Crops: Farmers making baled hay, great drying conditions for dry hay. Silage corn is rapidly growing. Second hay crop is looking good.

ROCKINGHAM, Nada Haddad

Harvesting raspberries, blueberries, late strawberry varieties, apricots, cherries, herbs, a whole array of vegetables including cherry tomatoes and slicer ones, garlic, and cut flowers. Peaches sizing well and will be ready in few more days for picking. Tomatoes and other crops growing well in the field. Growers busy staking tomato plants. Also irrigating crops. The weather has been good for the Pick- Your – Own/CutYour – Own operations. Farm stands, farmers markets, garden centers saw steady traffic. And CSA shares are now full of a nice assortment of vegetables and small fruits. Sheep are rotating from one field to the other enjoying the green pasture. Cows, goats and chickens are enjoying the outdoors too. Rain was welcomed on Wednesday with some steady rain at times with downpours. This week saw very high temperatures and humid weather.

SULLIVAN, Jennifer Z. Gehly

Strawberries are done for the year, an abbreviated season with the hot weather. Blueberries are showing varied results depending on the level of winterkill observed in a given location. The local sweet corn is just starting to hit the stands. Field corn is taking full advantage of the hot, humid weather of late. More is needed. Occasional fronts with showers have kept everything growing for the most part.

RHODE ISLAND

ALL RI COUNTIES, Heather Faubert

Huge rainfall 7/22/7/23. Up to 3 inches.

ALL RI COUNTIES, Michael Sullivan

Another weather pattern dropped in and deposited up to 5 inches of rain in a 24 hour period restoring all depleted soil moisture but flooding many fields. Initial damage includes some significant erosion events, sediment movement causing plant damage or rendering difficulty in harvest. Prolonged heat and humidity allowing significant disease occurrence on small grains leaving many with concerns on grain fill and grain quality as harvest approaches.

VERMONT

ALL VT COUNTIES, Terence Bradshaw

Conditions are getting a bit dry out there, irrigation should be run where available. Apple maggot fly is picking up, diseases are pretty-well managed except where scab sprays were missed in spring. Grapes are growing well and canopies should be fully managed. Downy and powdery mildew are popping up in places.

BENNINGTON/RUTLAND, Tina Williams

Another dry week and rain is actually needed which I never thought would have been the case after such a wet spring! Corn is curling in the drier more well drained soils but the hot days has made the corn shoot up. Blueberries have started ripening and are plentiful. Pastures need some rain. Apples are plentiful in the trees. Second cut dry hay and 3rd cut haylage is being harvested.

FRANKLIN, Paul Stanley

Hot dry week in Franklin County, Vermont made for some great hay weather. Producers responded with much 2nd cut harvest and much manure out getting us caught up in both areas. Seeing some corn leaves curling and slowing growth due to the dry conditions. Some concerns of dry weather impacting reproductive stage. Some sweet corn has shown up, however, very limited. Blueberries are ample and starting to ripen for the picking.